

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 3

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Medium	Remarks	
	3	7133	5	Y	BROWNS SLOUGH	VN02NL	0.035	33N	03E	22	Fecal Coliform	Water	Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show the percentile criteria is exceeded out of 6 samples at station BRWU during 1992.
Project	3	6314	5	N	CAMPBELL LAKE	505RFE	34N	01E	13	Total Phosphorus	Water	Completed Phase I Federal Clean lakes Restoration Project in 1984. Problems Encountered: Blue-green algae, low dissolved oxygen, tributary nutrient inputs, sediment phosphorus recycling, aquatic macrophytes. ;. Entranco, 1983.; Entranco, 1987.;	Completed Phase II Federal Clean Lakes Restoration in 1988: Control measures that were implemented based on Phase I study - phosphorus precipitation/inactivation, watershed nutrient management (septic system management), aquatic macrophyte harvesting, public education. TMDL based on Phase I and Phase II restoration submitted to EPA on 8/25/93 - EPA determined TMDL was incomplete on 4/8/93. After further review, EPA approved TMDL on 7/28/97. Welch and Cooke, 1995 = monitored effectiveness of control measures showed an 8 ug/l increase in whole-lake total phosphorus 6 years after implementation.
	he												
	3	6421	5	Y	CARPENTER CREEK	YA61IC	3.631	33N	04E	17	Temperature	Water	Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 22 for week ending 15 August 2001 at station 03C02 (Carpenter Creek at SR534).
	3	6422	5	N	CARPENTER CREEK	YA61IC	0	33N	04E	30	Temperature	Water	Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 22.4 for week ending 14 July 2001 at station 03C01 (Carpenter Creek nr mouth).  Pickett (1997) station Skagit34 (Carpenter/Fisher Creeks (CARPCK)) shows 0 excursions beyond the criterion out of 8 samples collected between 09/94 - 10/96 .
	3	39605	5	N	EDISON SLOUGH	TR24JW	0.926	36N	03E	33	Dissolved oxygen	Water	Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.
	3	39604	5	N	EDISON SLOUGH	TR24JW	0.926	36N	03E	33	Fecal Coliform	Water	Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 2000 and 2001.

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3	6425	5	N	<b>FISHER CREEK</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 18.1 for week ending 12 August 2001 at station 03F02 (Fisher Creek at Starbird).	KG61QW	3.393	33N	04E	33	Temperature		Water
3	16409	5	Y	<b>FRIDAY CREEK</b> Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03C060 (Friday Creek below Hatchery near Burlington) shows a geometric mean of 40 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 8 samples collected during 1995.  Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03C060 (Friday Creek below Hatchery near Burlington) shows a geometric mean of 34 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 3 samples collected during 1994.  Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03C060 (Friday Creek below Hatchery near Burlington) shows a geometric mean of 68 does not exceed the criterion and that 22% of the samples exceeds the percentile criterion from 9 samples collected during 1993.	NI79KV	0	35N	04E	05	Fecal Coliform	TRS updated from 1998 List, was 36N-04E-32 -kk	Water
3	6426	5	Y	<b>HANSEN CREEK</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 18.8 for week ending 15 August 2001 at station 03H01 (Hansen Creek at Hoehn Rd).	PU87PF	1.507	35N	05E	20	Temperature		Water
3	7150	5	Y	<b>INDIAN (BIG) SLOUGH</b> Bulthuis, 1993. review shows multiple excursions beyond the criterion during 1987, 1988, and 1991.  Cassidy and McKeen, 1986. multiple excursions beyond the criterion during 1985 and 1986.	390KRD	48122E4F7	48.455		122.475	Dissolved oxygen		Water
3	7149	5	Y	<b>INDIAN (BIG) SLOUGH</b> Bulthuis, 1993. exceeds geometric mean criterion in 1986.	390KRD	48122E4F7	48.455		122.475	Fecal Coliform		Water
3	39610	5	N	<b>JOE LEARY SLOUGH</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	BE29YH	1.349	35N	04E	20	Dissolved oxygen		Water
3	39611	5	N	<b>JOE LEARY SLOUGH</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	LA86QK	11.963	35N	04E	30	Dissolved oxygen		Water
3	39612	5	N	<b>JOE LEARY SLOUGH</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	LA86QK	0.174	35N	03E	18	Dissolved oxygen		Water

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3	7153	5	Y	JOE LEARY SLOUGH Bulthuis, 1993. exceeds geometric mean criterion in 1986.  Bulthuis, 1997. samples from multiple locations showed high levels of fecal coliform on 12/5/96.  Bulthuis, 1996. samples from multiple locations showed high levels of fecal coliform on 10/29/96.	390KRD	48122F4C7	48.525	122.475	Fecal Coliform		Water
3	39607	5	N	JOE LEARY SLOUGH Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 1999, 2000, and 2002.	BE29YH	1.349	35N	04E 20	Fecal Coliform		Water
3	39608	5	N	JOE LEARY SLOUGH Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 1999, 2000, and 2002.	LA86QK	11.963	35N	04E 30	Fecal Coliform		Water
3	39609	5	N	JOE LEARY SLOUGH Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 2000.	LA86QK	0.174	35N	03E 18	Fecal Coliform		Water
3	6343	5	Y	KETCHUM LAKE State Phase I Clean Lakes Restoration Project -diagnostic/feasibility assessment showed lake is highly eutrophic. Majority of the phosphorus loading is coming from an adjacent farm via runoff from excessive land application of manure. In-lake recycling of phosphorus is also significant.  Snohomish County unpublished data show summer mean epilimnetic total phosphorus exceeded the water quality standards nutrient criterion in 1996, 1997, 1998, 1999, 2000, 2001 and 2002 from samples collected between 1996-2002.  Sumioka and Dion (1985) show a summer epilimnetic total phosphorus concentration of 192 ug/L from samples collected in 1981 which exceeds the water quality standards nutrient criterion for the Puget Lowlands Ecoregion.	804KBQ	32N	04E 07	Total Phosphorus	Snohomish County's State of the Lakes Report identifies the lake as "impaired" and "in need of restoration". Summer epilimnetic total phosphorus concentrations are extremely high, often exceeding 200 ug/l. Hypolimnetic 1000 ug/l. The lake suffers from regular nuisance algal blooms in response to elevated nutrient levels.	Water	
3	39620	5	N	NONAME SLOUGH Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, and 2002.	BX87EZ	3.915	35N	03E 32	Dissolved oxygen		Water
3	39621	5	Y	NONAME SLOUGH Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, and 2002;  Giles and Bulthuis, 1996. numerous excursions beyond the criterion during 1996.	BX87EZ	1.575	34N	03E 05	Dissolved oxygen		Water
3	39623	5	N	NONAME SLOUGH Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, and 2001.	BX87EZ	0.981	34N	03E 06	Dissolved oxygen		Water

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				Basis						Remarks	
3	7158	5	Y	<b>NONAME SLOUGH</b> Skagit Stream Team unpublished data show the geometric mean criterion was not exceeded in samples collected from 1999-2002;  Giles and Bulthius, 1996. 4 samples collected showed some high levels in 1996;  Bulthuis, 1993. exceeds geometric mean criterion in 1986.  Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 1999, 2000, 2001 and 2002.	<b>BX87EZ</b>	<b>1.575</b>	<b>34N</b>	<b>03E</b>	<b>05</b>	<b>Fecal Coliform</b>	<b>Water</b>
3	39616	5	N	<b>NONAME SLOUGH</b> Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 1999, 2000, 2001 and 2002.	<b>BX87EZ</b>	<b>3.915</b>	<b>35N</b>	<b>03E</b>	<b>32</b>	<b>Fecal Coliform</b>	<b>Water</b>
3	39633	5	N	<b>NOOKACHAMPS CREEK</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	<b>LZ60MT</b>	<b>20.131</b>	<b>33N</b>	<b>05E</b>	<b>19</b>	<b>Dissolved oxygen</b>	<b>Water</b>
3	39634	5	N	<b>NOOKACHAMPS CREEK</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, and 2001.	<b>LZ60MT</b>	<b>10.063</b>	<b>34N</b>	<b>04E</b>	<b>25</b>	<b>Dissolved oxygen</b>	<b>Water</b>
3	39635	5	N	<b>NOOKACHAMPS CREEK</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	<b>LZ60MT</b>	<b>7.976</b>	<b>34N</b>	<b>04E</b>	<b>23</b>	<b>Dissolved oxygen</b>	<b>Water</b>
3	39636	5	N	<b>NOOKACHAMPS CREEK</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.  Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03D050 (Nookachamp Ck nr Mouth) shows 6 excursions beyond the criterion out of 18 samples collected between 1993 - 2001 measured on these dates: 00/06/21, 00/08/23, 00/09/20, 95/05/17, 95/07/19, 95/09/20,  Pickett (1997) station Skagit14 (Nookachamps Creek (NOOKCK)) shows 0 excursions beyond the criterion out of 2 samples collected between 09/94 - 10/96 .	<b>LZ60MT</b>	<b>2.721</b>	<b>34N</b>	<b>04E</b>	<b>10</b>	<b>Dissolved oxygen</b>	<b>Water</b>
3	39637	5	N	<b>NOOKACHAMPS CREEK</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	<b>LZ60MT</b>	<b>0</b>	<b>34N</b>	<b>04E</b>	<b>04</b>	<b>Dissolved oxygen</b>	<b>Water</b>
3	6427	5	Y	<b>NOOKACHAMPS CREEK</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 21.6 for week ending 9 July 2001 at station 03N02 (Nookachamps abv Barney La).	<b>LZ60MT</b>	<b>6.701</b>	<b>34N</b>	<b>04E</b>	<b>14</b>	<b>Temperature</b>	<b>Water</b>

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3	6428	5	Y	<b>NOOKACHAMPS CREEK</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 23.7 for week ending 12 July 2001 at station 03N03 (Nookachamps blw Big Lake).  Skagit Stream Team unpublished data show excursions beyond the criterion in 2000 and 2002.	LZ60MT	10.063	34N	04E	25	Temperature		Water
3	6429	5	Y	<b>NOOKACHAMPS CREEK</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 24.3 for week ending 15 August 2001 at station 03N01 (Nookachamps nr mouth).  Skagit Stream Team unpublished data show excursions beyond the criterion in 2002.	LZ60MT	0	34N	04E	04	Temperature		Water
3	39644	5	N	<b>NOOKACHAMPS CREEK, E.F.</b> Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000,and 2001.	DV97DN	0.895	34N	04E	11	Dissolved oxygen		Water
3	6423	5	N	<b>NOOKACHAMPS CREEK, E.F.</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 19.3 for week ending 15 August 2001 at station 03EF02 (E. F. Nookachamps at Beav).	DV97DN	5.618	34N	05E	19	Temperature		Water
3	6424	5	Y	<b>NOOKACHAMPS CREEK, E.F.</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 20.1 for week ending 15 August 2001 at station 03EF01 (E. F. Nookachamps at SR9).  Skagit Stream Team unpublished data show no excursions beyond the criterion from measurements collected 1999-2002.	DV97DN	0.895	34N	04E	11	Temperature		Water
3	39661	5	N	<b>OTTER POND CREEK</b> Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 1999.	GK78TY	0	34N	04E	25	Fecal Coliform		Water
3	6432	5	N	<b>OTTER POND CREEK</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 18.8 for week ending 23 June 2001 at station 03U02 (Unkn Trib at Otter Pond R).  Skagit Stream Team unpublished data show no excursions beyond the criterion from measurements collected 1999-2002.  Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 5 excursions beyond the criterion on Otter Pond Creek (WDF# 03.0256) below Otter Pond Road during 1997.	GK78TY	0	34N	04E	25	Temperature		Water
3	13258	5	N	<b>PADILLA BAY, FIDALGO BAY, AND GUEMES CHANNEL</b> Johnson, 2000. show the National Toxic Rule criterion was exceeded in a composite of 50 Littleneck clam soft-parts on 1 June 1999.	390KRD	48122E5I7	48.485		122.575	BENZO(A)ANTHRACENE		Tissue

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3	13294	5	N	<b>PADILLA BAY, FIDALGO BAY, AND GUEMES CHANNEL</b> Johnson, 2000. show the National Toxic Rule criterion was exceeded in a composite of 50 Littleneck clam soft-parts on 1 June 1999.	390KRD	48122E5I7	48.485	122.575	Chrysene		Tissue
3	13295	5	N	<b>PADILLA BAY, FIDALGO BAY, AND GUEMES CHANNEL</b> Johnson, 2000. show the National Toxic Rule criterion was exceeded in a composite of 50 mussel soft-parts on 1 June 1999.	390KRD	48122F5A6	48.505	122.565	Chrysene		Tissue
3	6430	5	Y	<b>RED CREEK</b> Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 26.7 for week ending 15 August 2001 at station 03U04 (Red Creek nr Hwy 20).	TL30EW	0	35N	05E	17	Temperature	Water
3	40583	5	N	<b>SAMISH BAY</b> Department of Health Prohibited Commercial Shellfish Area at Samish Bay based partially on data from station 13 that exceed the criterion (from the Annual Growing Area Review ending December 1996).	390KRD	48122F4G5	48.565	122.455	Fecal Coliform		Water
3	40584	5	N	<b>SAMISH BAY</b> Department of Health Prohibited Commercial Shellfish Area at Samish Bay based partially on data from station 18 that exceed the criterion (from the Annual Growing Area Review ending December 1996).	390KRD	48122F4G8	48.565	122.485	Fecal Coliform		Water
3	40585	5	N	<b>SAMISH BAY</b> Department of Health Prohibited Commercial Shellfish Area at Samish Bay based partially on data from station 19 that exceed the criterion (from the Annual Growing Area Review ending December 1996).	390KRD	48122F4G7	48.565	122.475	Fecal Coliform		Water
3	17366	5	N	<b>SAMISH LAKE</b> Seiders, 2002. show the National Toxics Rule criterion was exceeded in fillet samples of Cutthroat trout collected in 2001.	O54FYG	37N	03E	26	Total PCBs		Tissue

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3	16412	5	Y	<b>SAMISH RIVER</b>	NN50EA	14.983	35N	04E	06	<b>Fecal Coliform</b>	<b>Water</b>	Hallock (2004), Dept. of Ecology ambient station 03B050 shows 2 of 11 samples (18.2%) in year 2002 exceeded the percentile criterion. TRS updated from 1998 List, was 35N-04E-06 -kk
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 69 does not exceed the criterion and that 20% of the samples exceeds the percentile criterion from 10 samples collected during 2001.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 47 does not exceed the criterion and that 9% of the samples does not exceed the percentile criterion from 11 samples collected during 2000.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 75 does not exceed the criterion and that 25% of the samples exceeds the percentile criterion from 12 samples collected during 1999.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 79 does not exceed the criterion and that 25% of the samples exceeds the percentile criterion from 12 samples collected during 1998.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 177 exceeds the criterion and that 50% of the samples exceeds the percentile criterion from 12 samples collected during 1997.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 145 exceeds the criterion and that 33% of the samples exceeds the percentile criterion from 6 samples collected during 1996.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 75 does not exceed the criterion and that 33% of the samples exceeds the percentile criterion from 12 samples collected during 1995.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 117 exceeds the criterion and that 33% of the samples exceeds the percentile criterion from 3 samples collected during 1994.								
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B050 (Samish R. near Burlington) shows a geometric mean of 167 exceeds the criterion and that 33% of the samples exceeds the percentile criterion from 9 samples collected during 1993.								
3	16413	5	N	<b>SAMISH RIVER</b>	NN50EA	5.487	35N	03E	15	<b>Fecal Coliform</b>	<b>Water</b>	Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B045 (Samish R. near Mouth) shows a geometric mean of 89 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 2 samples collected during 1994.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B045 (Samish R. near Mouth) shows a geometric mean of 56 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 3 samples collected during 1999.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B045 (Samish R. near Mouth) shows a geometric mean of 50 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 9 samples collected during 2000.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B045 (Samish R. near Mouth) shows a geometric mean of 110 exceeds the criterion and that 22% of the samples exceeds the percentile criterion from 9 samples collected during 1995.
				Skagit Stream Team unpublished data show the geometric mean criterion was not exceeded in samples collected from 1999-2001.								
3	16414	5	N	<b>SAMISH RIVER</b>	NN50EA	30.566	36N	04E	24	<b>Fecal Coliform</b>	<b>Water</b>	Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B080 (Samish R. near Prairie) shows a geometric mean of 124 exceeds the criterion and that 33% of the samples exceeds the percentile criterion from 3 samples collected during 1994.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 03B080 (Samish R. near Prairie) shows a geometric mean of 106 exceeds the criterion and that 22% of the samples exceeds the percentile criterion from 9 samples collected during 1995.

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3	39646	5	N	<b>SAMISH RIVER</b> Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 2000 and 2001.	NN50EA	0.446	35N	03E	99	Fecal Coliform		Water
3	15910	5	N	<b>SAMISH RIVER</b> Hallock, 2002. shows 5 excursions beyond the criterion out of 12 samples collected between 1992 and 2001 derived by the difference between the upstream station 03B080 (Samish R. nr Prairie) and the downstream station 03B045 (Samish R. nr Mouth).	NN50EA	5.487	35N	03E	15	Turbidity		Water
3	15911	5	N	<b>SAMISH RIVER</b> Hallock, 2002. shows 5 excursions beyond the criterion out of 12 samples collected between 1992 and 2001 derived by the difference between the upstream station 03B080 (Samish R. nr Prairie) and the downstream station 03B050 (Samish R nr Burlington).	NN50EA	14.983	35N	04E	06	Turbidity		Water
3	7170	5	Y	<b>SKAGIT BAY AND SIMILK BAY</b> Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show both criteria are exceeded out of 6 samples at station HALD during 1992.	390KRD	48122D4D4		48.335	122.445	Fecal Coliform		Water
3	7171	5	Y	<b>SKAGIT BAY AND SIMILK BAY</b> Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show both criteria are exceeded out of 6 samples at station BRWD during 1992.	390KRD	48122D4D1		48.335	122.415	Fecal Coliform		Water
3	7172	5	Y	<b>SKAGIT BAY AND SIMILK BAY</b> Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show both criteria are exceeded out of 6 samples at station DRYD during 1992.	390KRD	48122D3C9		48.325	122.395	Fecal Coliform		Water
3	7173	5	Y	<b>SKAGIT BAY AND SIMILK BAY</b> Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show both criteria are exceeded out of 6 samples at station WILD during 1992.	390KRD	48122D3B8		48.315	122.385	Fecal Coliform		Water
3	14036	5	N	<b>SKAGIT RIVER</b> Hopkins et al, 1985, show excursions beyond the National Toxic Rule criterion in a multiple fish composite of edible tissue of Bridgelip sucker and Mountian whitefish samples collected in 1984.	SV53RP	12.46	34N	04E	08	Total PCBs		Tissue
3	12367	5	N	<b>SWINOMISH CHANNEL</b> Johnson, 2000. show the National Toxic Rule criterion was exceeded in a composite of 20 oyster soft-parts on 1 June 1999.	BN62VR	1.477	34N	02E	99	BENZO(A)ANTHRACENE		Tissue
3	12371	5	N	<b>SWINOMISH CHANNEL</b> Johnson, 2000. show the National Toxic Rule criterion was exceeded in a composite of 20 oyster soft-parts on 1 June 1999.	BN62VR	1.477	34N	02E	99	Chrysene		Tissue



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3	39658	5	N	THOMAS CREEK Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 1999.	IO78KZ	0	35N	04E	18	Fecal Coliform		Water
3	6431	5	Y	TURNER CREEK Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 18.4 for week ending 15 August 2001 at station 03T01 (Turner Creek at Beaver La).	EI77IQ	1.402	34N	05E	18	Temperature		Water
3	39666	5	N	UNNAMED CREEK Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	SN87OD	0.091	35N	03E	06	Dissolved oxygen		Water
3	39662	5	N	UNNAMED CREEK Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 1999 and 2002.	GC08NY	0	34N	04E	15	Fecal Coliform		Water
3	6433	5	N	UNNAMED CREEK Department of Ecology unpublished data from the Skagit TMDL Study shows a 7-day mean of daily maximum values of 21 for week ending 23 June 2001 at station 03CL01 (Unkn Trib from Clear Lake).	IL21OS	0.26	34N	04E	11	Temperature		Water
3	39669	5	N	UNNAMED CREEK Skagit Stream Team unpublished data show excursions beyond the criterion in 2000, 2001 and 2002.	SN87OD	0.091	35N	03E	06	Temperature		Water
3	39672	5	N	UNNAMED SLOUGH Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	BW07YZ	1.668	35N	03E	34	Dissolved oxygen		Water
3	39673	5	N	UNNAMED SLOUGH Skagit Stream Team unpublished data show excursions beyond the criterion in 1999, 2000, 2001 and 2002.	AU64DK	0.709	35N	03E	05	Dissolved oxygen		Water
3	39671	5	N	UNNAMED SLOUGH Skagit Stream Team unpublished data show the geometric mean criterion was exceeded in 1999, 2000 and 2002.	AU64DK	0.709	35N	03E	05	Fecal Coliform		Water
3	7177	5	Y	WILEY SLOUGH Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show the percentile criteria is exceeded out of 6 samples at station WILU during 1992.	EE73RP	0.014	33N	03E	26	Fecal Coliform		Water